



IFW16

RAW SEQUENCE LISTING

DATE: 08/30/2004

PATENT APPLICATION: US/09/874,056A

TIME: 14:50:26

Input Set : A:\pto.lm.txt

Output Set: N:\CRF4\08302004\I874056A.raw

5 <110> APPLICANT: OKANO, Akira
 7 ETO, Yuzuru
 9 IZUMI, Tetsuro
 13 <120> TITLE OF INVENTION: Insulin Receptor-Related Receptor Binding Protein and
 alization of the

14 Same

18 <130> FILE REFERENCE: 209427US0

22 <140> CURRENT APPLICATION NUMBER: US 09/874,056A

24 <141> CURRENT FILING DATE: 2001-06-06

28 <150> PRIOR APPLICATION NUMBER: JP 2000-170912

30 <151> PRIOR FILING DATE: 2000-06-07

34 <160> NUMBER OF SEQ ID NOS: 8

38 <170> SOFTWARE: PatentIn version 3.1

42 <210> SEQ ID NO: 1

44 <211> LENGTH: 21

46 <212> TYPE: PRT

48 <213> ORGANISM: Mus musculus

52 <220> FEATURE:

54 <221> NAME/KEY: MISC_FEATURE

56 <222> LOCATION: (3)..(3)

58 <223> OTHER INFORMATION: X = CYS, SER, OR THR

62 <220> FEATURE:

64 <221> NAME/KEY: MISC_FEATURE

66 <222> LOCATION: (8)..(8)

68 <223> OTHER INFORMATION: X = CYS, SER, OR THR

72 <220> FEATURE:

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78 <223> OTHER INFORMATION: X = CYS, SER, OR THR

82 <220> FEATURE:

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86 <222> LOCATION: (15)..(15)

88 <223> OTHER INFORMATION: X = CYS, SER, OR THR

92 <220> FEATURE:

94 <221> NAME/KEY: MISC_FEATURE

96 <222> LOCATION: (16)..(16)

98 <223> OTHER INFORMATION: X = CYS, SER, OR THR

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104 <221> NAME/KEY: MISC_FEATURE

106 <222> LOCATION: (18)..(18)

108 <223> OTHER INFORMATION: X = CYS, SER, OR THR

112 <400> SEQUENCE: 1

> 114 Ile Gly Xaa Asp Gln His Thr Xaa Xaa Pro Val Gly Gln Thr Xaa Xaa

115 1

5

10

15



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W--> 118 Pro Xaa Leu Lys Gly

119 20
 122 <210> SEQ ID NO: 2
 124 <211> LENGTH: 22
 126 <212> TYPE: PRT
 128 <213> ORGANISM: Mus musculus
 132 <220> FEATURE:
 134 <221> NAME/KEY: MISC_FEATURE
 136 <222> LOCATION: (4)..(4)
 138 <223> OTHER INFORMATION: X IS CYS, SER, OR THR
 142 <220> FEATURE:
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 148 <223> OTHER INFORMATION: X IS CYS, SER, OR THR
 152 <220> FEATURE:
 154 <221> NAME/KEY: MISC_FEATURE
 156 <222> LOCATION: (10)..(10)
 158 <223> OTHER INFORMATION: X IS CYS, SER, OR THR
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 178 <223> OTHER INFORMATION: X IS CYS, SER, OR THR
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 188 <223> OTHER INFORMATION: X IS CYS, SER, OR THR
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W--> 194 Asp Ile Gly Xaa Asp Gln His Thr Xaa Xaa Pro Val Gly Gln Thr Xaa

195 1 5 10 15

W--> 198 Xaa Pro Xaa Leu Lys Gly

199 20
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 204 <211> LENGTH: 57
 206 <212> TYPE: PRT
 208 <213> ORGANISM: Mus musculus
 212 <400> SEQUENCE: 3
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 215 1 5 10 15
 218 Cys Pro Ser Leu Lys Gly Ser Trp Ala Cys Cys Gln Leu Pro His Ala
 219 20 25 30
 222 Val Cys Cys Glu Asp Arg Gln His Cys Cys Pro Ala Gly Tyr Thr Cys
 223 35 40 45
 226 Asn Val Lys Ala Arg Thr Cys Glu Lys
 227 50 55
 230 <210> SEQ ID NO: 4

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232 <211> LENGTH: 57
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236 <213> ORGANISM: Mus musculus
240 <400> SEQUENCE: 4
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246 Pro Ser Leu Lys Gly Ser Trp Ala Cys Cys Gln Leu Pro His Ala Val
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251      35      40      45
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255      50      55
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260 <211> LENGTH: 58
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264 <213> ORGANISM: Mus musculus
268 <400> SEQUENCE: 5
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271 1      5      10      15
274 Cys Pro Ser Leu Lys Gly Ser Trp Ala Cys Cys Gln Leu Pro His Ala
275      20      25      30
278 Val Cys Cys Glu Asp Arg Gln His Cys Cys Pro Ala Gly Tyr Thr Cys
279      35      40      45
282 Asn Val Lys Ala Arg Thr Cys Glu Lys Asn
283      50      55
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292 <213> ORGANISM: Mus musculus
296 <400> SEQUENCE: 6
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303      20      25      30
306 Val Cys Cys Glu Asp Thr Gln His Cys Cys Pro Ala Gly Tyr Thr Cys
307      35      40      45
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311      50      55
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316 <211> LENGTH: 58
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320 <213> ORGANISM: Mus musculus
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326 Ile Gly Cys Asp Gln His Thr Ser Cys Pro Val Gly Gln Thr Cys Cys
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330 Pro Ser Leu Lys Gly Ser Trp Ala Cys Cys Gln Leu Pro His Ala Val
331      20      25      30
334 Cys Cys Glu Asp Arg Gln His Cys Cys Pro Ala Gly Tyr Thr Cys Asn
335      35      40      45

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338 Val Lys Ala Arg Thr Cys Glu Lys Asp Ala
339 50 55
342 <210> SEQ ID NO: 8
344 <211> LENGTH: 53
346 <212> TYPE: PRT
348 <213> ORGANISM: Mus musculus
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358 <223> OTHER INFORMATION: X IS ANY AMINO ACID
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368 <223> OTHER INFORMATION: X IS ANY AMINO ACID
372 <220> FEATURE:
374 <221> NAME/KEY: MISC_FEATURE
376 <222> LOCATION: (4)..(4)
378 <223> OTHER INFORMATION: X IS ANY AMINO ACID
382 <220> FEATURE:
384 <221> NAME/KEY: MISC_FEATURE
386 <222> LOCATION: (5)..(5)
388 <223> OTHER INFORMATION: X IS ANY AMINO ACID
392 <220> FEATURE:
394 <221> NAME/KEY: MISC_FEATURE
396 <222> LOCATION: (6)..(6)
398 <223> OTHER INFORMATION: X IS ANY AMINO ACID
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404 <221> NAME/KEY: MISC_FEATURE
406 <222> LOCATION: (7)..(7)
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412 <220> FEATURE:
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416 <222> LOCATION: (9)..(9)
418 <223> OTHER INFORMATION: X IS ANY AMINO ACID
422 <220> FEATURE:
424 <221> NAME/KEY: MISC_FEATURE
426 <222> LOCATION: (10)..(10)
428 <223> OTHER INFORMATION: X IS ANY AMINO ACID
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436 <222> LOCATION: (11)..(11)
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444 <221> NAME/KEY: MISC_FEATURE
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452 <220> FEATURE:
454 <221> NAME/KEY: MISC_FEATURE
456 <222> LOCATION: (13)..(13)

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Input Set : A:\pto.lm.txt

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458 <223> OTHER INFORMATION: X IS ANY AMINO ACID
462 <220> FEATURE:
464 <221> NAME/KEY: MISC_FEATURE
466 <222> LOCATION: (16)..(16)
468 <223> OTHER INFORMATION: X IS ANY AMINO ACID
472 <220> FEATURE:
474 <221> NAME/KEY: MISC_FEATURE
476 <222> LOCATION: (17)..(17)
478 <223> OTHER INFORMATION: X IS ANY AMINO ACID
482 <220> FEATURE:
484 <221> NAME/KEY: MISC_FEATURE
486 <222> LOCATION: (18)..(18)
488 <223> OTHER INFORMATION: X IS ANY AMINO ACID
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494 <221> NAME/KEY: MISC_FEATURE
496 <222> LOCATION: (19)..(19)
498 <223> OTHER INFORMATION: X IS ANY AMINO ACID
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518 <223> OTHER INFORMATION: X IS ANY AMINO ACID
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524 <221> NAME/KEY: MISC_FEATURE
526 <222> LOCATION: (22)..(22)
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534 <221> NAME/KEY: MISC_FEATURE
536 <222> LOCATION: (23)..(23)
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544 <221> NAME/KEY: MISC_FEATURE
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564 <221> NAME/KEY: MISC_FEATURE
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572 <220> FEATURE:
574 <221> NAME/KEY: MISC_FEATURE
576 <222> LOCATION: (29)..(29)
578 <223> OTHER INFORMATION: X IS ANY AMINO ACID

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/874,056A

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Input Set : A:\pto.lm.txt

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. ~~3, 8, 9, 15, 16, 18~~

Seq#:2; Xaa Pos. ~~4, 9, 10, 16, 17, 19~~

Seq#:8; Xaa Pos. ~~2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 26, 27, 28~~

Seq#:8; Xaa Pos. 29, 30, 31, 34, 36, 37, 42, 43, 44, 45, 47, 48, 49, 50, 51, 52

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 13

VERIFICATION SUMMARY

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Input Set : A:\pto.lm.txt

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L:114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:16
L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:16
L:734 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:738 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:16
L:742 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:32
L:746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:48